



## ABSTRACT

Acoustical signals are registered at two locations to generate two electric signals. Based on the electric signals, the distance from one of the locations to the source of the acoustical signal is calculated to generate a distance signal. The distance signal is amplitude filtered to generate a patterned distance signal. A signal dependent from the electric signal is weighed by the patterned distance signal to generate an output signal representing the acoustical signal from source distributed in an environment within a distance pattern.

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